## IN THE CLAIMS

Please cancel claims 1 – 16 and 34 - 51 without prejudice.

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- 17. (Original) A process of making a sorbent composition, said process comprising the steps of:
- (a) admixing zinc oxide and a carrier to provide a support mix;
- (b) particulating the support mix to provide a support particulate;
- (c) incorporating said support particulate with a noble metal to provide a promoted particulate comprising an unreduced noble metal; and
- (d) reducing said promoted particulate to provide a reduced sorbent composition comprising a reduced-valence noble metal.
- 18. (Original) A process in accordance with claim 17 wherein said reduced-valence noble metal has a valence which is less than the valence of said unreduced noble metal.
- 19. (Original) A process in accordance with claim 18 wherein said carrier comprises a silica compound and an alumina compound.
- 20. (Original) A process in accordance with claim 17 wherein said reduced-valence noble metal has a valence of less than 2.
- 21. (Original) A process in accordance with claim 20 wherein said promoted particulate is dried and calcined before reduction.

- 22. (Original) A process in accordance with claim 21 wherein said support particulate is dried and calcined before incorporation with said noble metal.
- 23. (Original) A process in accordance with claim 22 wherein said reduced-valence noble metal comprises platinum.
- 24. (Original) A process in accordance with claim 17 wherein said support mix is selected from the group consisting of a wet mix, a dough, a paste, and a slurry, and wherein said support particulate is selected from the group consisting of a granulate, an extrudate, a tablet, a sphere, a pellet, and a microsphere.
- 25. (Original) A process in accordance with claim 24 wherein said support particulate comprises a microsphere.
- 26. (Original) A process in accordance with claim 17 wherein said support mix is in the form of a slurry and said particulating comprises spray drying said slurry to form a microsphere.
- 27. (Original) A process in accordance with claim 26 wherein said microsphere has a mean particle size in the range of from about 1 micrometer to about 500 micrometers.
- 28. (Original) A process in accordance with claim 17 wherein said incorporating is selected from the group consisting of impregnating, soaking, spraying, and combinations thereof.

- 29. (Original) A process in accordance with claim 17 wherein said incorporating comprises incipient wetness impregnation.
- 30. (Original) A process in accordance with claim 17 wherein said reduced-valence noble metal has a valence of zero.
- 31. (Original) A process in accordance with claim 30 wherein said reduced-valence noble metal component comprises platinum.
- 32. (Original) A composition prepared by the process of claim 17.
- 33. (Original) A composition prepared by the process of claim 31.
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